



UNITED STATES PATENT AND TRADEMARK OFFICE

cev
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,151	12/12/2003	Il Yasuhiro	6453P020	5667
8791 7590 04/16/2007 BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES, CA 90025-1030			EXAMINER ABDI, AMARA	
			ART UNIT 2609	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE			MAIL DATE	
3 MONTHS			04/16/2007	
			DELIVERY MODE	
			PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/735,151

Applicant(s)

YASUHIRO, IL

Examiner

Amara Abdi

Art Unit

2609

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>12/12/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 3-6, and 11-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

(1) Claim 3, line 2, recite limitation "the other image". It is unclear which other image processing is referred to by "the other image". There is a first image-editing unit, and the second image-editing unit, which are both involved in the image processing apparatus.

The same thought applies to claims 4, line 2; claim 5, line 1; and claim 6, line 2; claim 11, line 1-2; claim 12, line 1-2; claim 13, line 1-2; claim 14, line 1-2.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Jakobs et al. (US 5,892,509).

(1) Regarding claims 1,7, and 9:

Jakobs et al. discloses an image processing apparatus (column 13, line 46), an image method used with an image processing apparatus (column 8, line 6), and a computer having an image processing apparatus (column 12, line 20-21), (the examiner interpreted the article of manufacture having one or more recordable media storing instructions as a computer program), comprising:

a first image editing unit to edit a low resolution part of an image in response to a command from another image processing apparatus commanding to conduct an image editing process (column 14, line 14-20);

an informing unit to inform the other image processing apparatus that the image editing process has been completed by the first image editing unit (column 9, line 3-8);

a job supplying unit to supply a job commanding a high resolution part of the image to be edited (column 10, line 31-34); and

a second image editing unit to asynchronously edit the high resolution part of the image at a prescribed time in response to the job supplied from the job supplying unit (column 10, line 35-37).

(2) Regarding claims 2,8, and 10:

The image processing apparatus (column 13, line 46), an image method used with an image processing apparatus (column 8, line 6), and a computer having an image processing apparatus (column 12, line 20-21) where the image processing apparatus and the other image processing apparatus are connected via a network (column 9, line 3-8):

(3) Regarding claims 3 and 11:

The image processing apparatus (column 13, line 46), and a computer having an image processing apparatus (column 12, line 20-21) where when the other image forming apparatus commands the image to be displayed (column 10, line 35-45), and encoded data of the edited low-resolution part of the image is transmitted to the other image processing apparatus (column 10, line 66-67; and column 11, line 1-4).

(4) Regarding claims 4 and 12:

The image processing apparatus (column 13, line 46), and a computer having an image processing apparatus (column 12, line 20-21), where when the other image processing apparatus commands a portion of the high resolution part of the image to be displayed (column 10, line 35-45) in a case where the second image editing unit has not completed editing the high resolution part of the image (column 12, line 12-15), the portion of the high resolution part of the image is edited, and the edited portion of the high resolution part of the image is encoded and transmitted to the other image processing apparatus (column 10, line 66-67; and column 11, line 1-4), (the examiner interpreted that the special function unit , and main CPU unit are performing the manipulation between the documents, so it's interpreted that in case the editing unit has not completed editing the high resolution part of the image, the portion of the high resolution part of the image is edited, and the edited portion of the high resolution part of the image is encoded and transmitted to the other image processing apparatus).

(5) Regarding claims 5 and 13:

The image processing apparatus (column 13, line 46), and a computer having an image processing apparatus (column 12, line 20-21), where the other image processing apparatus is informed that the portion of the high-resolution part of the image cannot be displayed (column 10, line 35-45) when the image editing process that is being conducted is an image editing process that cannot be conducted on a portion by portion basis (column 4, line 52-61), (the examiner interpreted that the operator can write and edit any of the display image, so the operator can inform the other processing apparatus to display or not display any image by using the stylus, this includes cutting and pasting of documents, pointing to or erasing particular points, rotation of images,...etc).

(6) Regarding claims 6 and 14:

The image processing apparatus (column 13, line 46), and a computer having an image processing apparatus (column 12, line 20-21), where when the other image processing apparatus commands a printing process to be conducted for the image including the high resolution part of the image (column 11, line 11-18), in a case where the second image editing unit has not completed editing the high resolution part of the image, the other image processing apparatus is informed that the printing process cannot be conducted (column 12, line 55-61), (the examiner interpreted that the basic entry level functional area controls control the image edit , and provides the print screen command, so it inform the other image processing to conduct printing or not).



SHUWANG LIU
SUPERVISORY PATENT EXAMINER

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Koyama et al. (US 6,424,385) disclose a high resolution image file for storing a high resolution image data.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amara Abdi whose telephone number is (571) 270-1670. The examiner can normally be reached on Monday through Friday 7:30 Am to 5:00 PM E.T..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on (571) 272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.